

Application Number 09/526,920

Filing Date 03/16/00

First Named Inventor David LeFebre

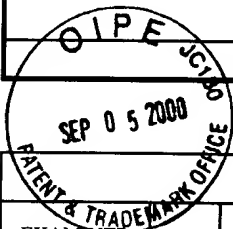
Group Art Unit 1753

Examiner Name J. STARSIAK

Attorney Docket Number T8526

## LIST OF PRIOR ART CITED BY APPLICANT

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## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JLH	AA 6,001,229	12/14/99	J. Michael Ramsey	204	451	
JLH	AB 5,989,402	11/23/99	Calvin Y. H. Chow, et al.	204	601	
JLH	AC 5,976,336	11/02/99	Robert S. Dubrow, et al.	204	453	
JLH	AD 5,972,187	10/26/99	J. Wallace Parce, et al.	204	453	
JLH	AE 5,965,410	10/12/99	Calvin Y. H. Chow, et al.	435	91,2	
JLH	AF 5,965,001	10/12/99	Calvin Y. H. Chow, et al.	204	600	
JLH	AG 5,964,995	10/12/99	Theo T. Nikiforov, et al.	204	450	
JLH	AH 5,959,291	09/28/99	Morten J. Jensen	250	214R	
JLH	AI 5,958,694	09/28/99	Theo T. Nikiforov	435	6	
JLH	AJ 5,958,203	09/28/99	J. Wallace Parce, et al.	204	451	
JLH	AK 5,957,579	09/28/99	Anne R. Kopf-Sill, et al.	366	340	
JLH	AL 5,955,028	09/21/99	Calvin Y. H. Chow	422	63	
JLH	AM 5,948,227	09/07/99	Robert S. Dubrow	204	455	
JLH	AN 5,882,465	03/16/99	Richard J. McReynolds	156	285	
JLH	AO 5,800,690	09/01/98	Calvin Y. H. Chow, et al.	204	451	
JLH	AP 5,441,613	08/15/95	Randy M. McCormick, et al.	204	452	
JLH	AQ 5,320,730	06/14/94	Andrew G. Ewing, et al.	204	603	
JLH	AR 5,262,031	11/16/93	Jurgen A. Lux, et al.	204	601	
JLH	AS 5,180,475	01/19/93	James E. Young, et al.	204	454	
JLH	AT 5,151,164 <del>5,161,164</del>	09/29/92	William C. Blanchard, et al.	204	451	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
AU					
AV					

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AW	Anal. Chem., 199, 71, 1628-1632, "Digitally Controlled Electrophoretic Focusing", Zheng Huang and Cornelius F. Ivory.
AX	Biotechnol. Prog. 1998, 14, 300-309, "Protein Focusing In a Conductivity Gradient", Robert D. Greenlee and Cornelius F. Ivory.
AY	Ann. Rev. Biophys. Bkophys. Chem 1998, 17:287-304, "Pulsed-Field Gel Electrophoresis of Very Large DNA Molecules", Charles R. Cantor, Cassandra L. Smith and Matthew K. Mathew.

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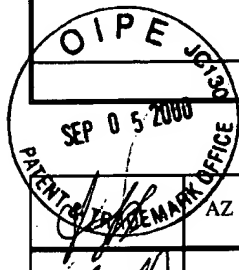
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AZ	J. Am. Chem. Soc., 1996, 68, 3441-3449, "Flow Injection Analysis Using Continuous Channel Electrophoresis", J. M. Mesaros, P. F. Gavin and A. G. Ewing.
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BC	Anal. Chem., 1993, 65, 3313-3319, "Continuous Electrophoretic Separations in Narrow Channels Coupled to Small-Bore Capillaries", J. M. Mesaros, G. Luo, J. Roeraade and a. G. Ewing.
BD	Anal. Chem. 1992, 64, 2348-2351, "Enhanced Separation of DNA Restriction Fragments by Capillary Gel Electrophoresis Using Field Strength Gradients", Andras Guttman, Bart Wanders and Nelson Cooke.
BE	Anal. Chem. 1991, 63, 2795-2797, "Improved Separation of Nucleic Acids With Analyte Velocity Modulation Capillary Electrophoresis", Tshenge Demana, Maureen Lanan and Michael D. Morris.
BF	Biotechnol. Prog. 1990, 6, 21-32, "Continuous Counteracting Chromatographic Electrophoresis", Cornelius F. Ivory and William A. Gobie.
BG	Counteracting Chromatographic Electrophoresis, 18(1), 1-64 (1989), "A Theoretical and Experimental Study of Counteracting Chromatographic Electrophoresis", Bruce R. Locke and Ruben G. Carbonell.
BH	Counteracting Chromatographic Electrophoresis, 18(1), 54-109 (1989), "A Theoretical and Experimental Study of Use of Electric Fields in Solvent Extraction: A Review and Prospectus", Timothy C. Scott.
BI	Journal of Biochemical and Biophysical Methods, "Field Gradients Improve Resolution on DNA Sequencing Gels", W. ansorge and S. Labeit.
BJ	Proc. Natl. Aca. Sci. USA, Vol. 80 pp. 3963-3965, July 1983, "Buffer Gradient Gels and S Label as an Aid to Rapid DNA Sequence Determination", M. D. Biggin, T. J. Gibson and G. F. Hong.
BK	Analytical Biochemistry 120, 12-18, 1982, "Nonuniform Field Gel Electrophoresis", C. Dennison, W. A. Lindner and N. C. K. Phillips.
BL	Science, Vol. 227, "Separation Techniques Based on the Opposition of Two Counteracting Forces to Produce a Dynamic Equilibrium", Patrick H. O'Farrell.

EXAMINER

JOHN S. STARSIAK JR.

DATE CONSIDERED

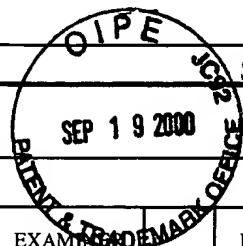
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## U.S. PATENT DOCUMENTS

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AA	5,810,985	Sept. 22, 1998	Jianmin Bao, et al.			
AB	5,900,934	May 4, 1999	Anthony C. Gilby, et al.	356	344	
AC	5,958,202	Sept. 28, 1999	Fred E. Regnier, et al.	204	451	
AD	6,010,608	Jan. 4, 2000	J. Michael Ramsey	204	453	
AE						
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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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JH	AA	5,728,282	3-17-1998	Bashkin et al.	204	455	
	AB						
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